EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S99	23143	(code or id or identifier) near3 ((read near2 memory) rom or eprom eeprom)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 14:46
S10 0	5291	(code or id or identifier) near3 ((read near2 memory) rom or eprom eeprom) and (boot bootloader post power-on)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 14:48
S10 1	861	(code or id or identifier) near3 ((read near2 memory) rom or eprom eeprom) and (boot bootloader post power-on) and key near4 (code or id or identifier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 14:49
S10 2	187	(code or id or identifier) near3 ((read near2 memory) rom or eprom eeprom) and (boot bootloader post power-on) and (produc$3 comput$3 calculat43 generat$3 deriv$3) near3 key near4 (code or id or identifier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 14:51
S10 3	452	(code or id or identifier number) near3 ((read near2 memory) rom or eprom eeprom) and (boot bootloader post power-on) and (produc$3 comput$3 calculat43 generat$3 deriv$3) near3 key near4 (code or id or identifier number)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 11:11
S10 4	335	(code or id or identifier number) near3 ((read near2 memory) rom or eprom eeprom) and (boot bootloader post power-on) and (produc$3 comput$3 calculat43 generat$3 deriv$3) near3 key near4 (code or id or identifier number) and (two first second plurality (at near least)) near2 (code or id or identifier number)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 14:53

EAST Search History

S10 5	274	(code or id or identifier number) near3 ((read near2 memory) rom or eprom eeprom) and (boot bootloader post power-on) and (produc$3 comput$3 calculat43 generat$3 deriv$3) near3 key near4 (code or id or identifier number) and (two first second plurality (at near least)) near2 (code or id or identifier number) and (two first second plurality (at near least)) near2 key	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 15:18
S10 6	17	"6243468"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 16:20
S10 7	1	"20030056107" and (outside external access$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 16:56
S10 8	1	"20030056107" and ((program software) with control$4 with processor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 17:26
S10 9	1	"5610980".pn. and (block portion part)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 17:26
S11 0	292	(code or id or identifier number) near3 ((read near2 memory) rom or eprom eeprom) and (boot bootloader post power-on power$4) and (produc$3 comput$3 calculat43 generat$3 deriv$3) near3 key near4 (code or id or identifier number) and hash$3 with (encrypt$3 decrypt$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 10:05

S11 1	32540	bit with ((video near memory) ram)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 10:06
S11 2	6985178	(modify$4 modification chang$3 alter$3 obfuscat$3 chang$3)bit with pixel with (writ$3 sav$3 copy$3 send$3 stor$3) ((video near memory) ram)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 10:08
S11 3	568813	(modify$4 modification chang$3 alter$3 obfuscat$3 chang$3) near3 bit with pixel with (before prior then next) near3 (writ$3 sav$3 copy$3 send$3 stor$3) ((video near memory) ram)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 10:09
S11 4	0	(modify$4 modification chang$3 alter$3 obfuscat$3 chang$3) near3 bit with pixel with (before prior then next) near3 (writ$3 sav$3 copy$3 send$3 stor$3) with ((video near memory) ram)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 10:09
S11 5	0	(modify$4 modification chang$3 alter$3 obfuscat$3 chang$3) near3 bit with pixel with (before prior then next) near3 (writ$3 sav$3 copy$3 send$3 stor$3) near3 ((video near memory) ram)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 10:09
S11 6	14	(modify$4 modification chang$3 alter$3 obfuscat$3 chang$3) near3 bit with pixel same (writ$3 sav$3 copy$3 send$3 stor$3) near3 ((video near memory) ram)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 11:23
S11 7	34	(modify$4 modification chang$3 alter$3 obfuscat$3 chang$3) near3 bit with pixel same (writ$3 sav$3 copy$3 send$3 stor$3) near3 ((video near memory) ram display video)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 11:24
S11 8	41	(modify$4 modification chang$3 alter$3 obfuscat$3 chang$3) near3 bit with pixel same (writ$3 sav$3 copy$3 send$3 stor$3) near3 ((video near memory) ram display$3 video)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 11:24

S11 9	165	(modify$4 modification chang$3 alter$3 obfuscat$3 chang$3 set$4) near3 bit with pixel same (writ$3 sav$3 copy$3 send$3 stor$3) near3 ((video near memory) ram display$3 video)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 12:06
S12 0	90	(least near significant near2 bit) with pixel same (writ$3 sav$3 copy$3 send$3 stor$3) near3 ((video near memory) ram display$3 video)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 11:28
S12 1	7	S118 not S117	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 11:26
S12 2	2	(least near significant near2 bit) with pixel same (writ$3 sav$3 copy$3 send$3 stor$3) near3 ((video near memory) ram display$3 video) same (secur$3 protect$3 copyright$3 prevent$3 inhibit$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 12:15
S12 3	13	(least near significant near2 bit) with pixel same (writ$3 sav$3 copy$3 send$3 stor$3) near3 ((video near memory) ram display$3 video) and (secur$3 protect$3 copyright$3 prevent$3 inhibit$3) near3 ((video near memory) ram display$3 video)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 11:31
S12 4	124	S119 not S118	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 12:06
S12 5	116	S124 not S120	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 12:07

S12 6	2	(least near significant near2 bit) with pixel same (writ$3 sav$3 copy$3 send$3 stor$3) near3 ((video near memory) ram display$3 video) with (secur$3 protect$3 copyright$3 prevent$3 inhibit$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 12:15
S12 7	12	(least near significant near2 bit) with pixel same ((video near memory) ram display$3 video) with (secur$3 protect$3 copyright$3 prevent$3 inhibit$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 12:26
S12 8	277	(least near significant near2 bit) with pixel and ((video near memory) ram display$3 video) with (secur$3 protect$3 copyright$3 prevent$3 inhibit$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 12:26
S12 9	277	(least near significant near2 bit) with pixel and ((video near memory) ram display$3 video) with (secur$3 protect$3 copyright$3 prevent$3 inhibit$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 12:27
S13 0	20	(least near significant near2 bit) with pixel and (screen display$3) with (copy$3 captur$3 print$3) with (secur$3 protect$3 copyright$3 prevent$3 inhibit$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 12:41
S13 1	27	"6298446"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 12:41

S13 2	46	("4405829" | "4827508" | "4933971" | "4977594" | "5050213" | "5303370" | "5410598" | "5509070" | "5533124" | "5636292" | "5638448" | "5638513" | "5689566" | "5710834" | "5715403" | "5721788" | "5745604" | "5748763" | "5748783" | "5758068" | "5765152" | "5768426" | "5801679" | "5809160" | "5822436" | "5832119" | "5835722" | "5838902" | "5841886" | "5841978" | "5850481" | "5862260" | "5870544" | "5872915" | "5881287" | "5892900" | "5905505" | "5982931" | "5991399" | "6011905" | "6014702" | "6032150" | "6275939" | "6298446" | "6304969" | "6353892").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/22 13:56
S13 3	10	S132 and (least near significant near2 bit)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/22 17:46
S13 4	69	("4405829"|"4827508"|"4977594" |"5012232"|"5050213"|"5303370" |"5410598"|"5509070"|"5533124" |"5570306"|"5636292"|"5638513" |"5642207"|"5710834"|"5715403" |"5721788"|"5745254"|"5745360" |"5745604"|"5748763"|"5748783" |"5758068"|"5761914"|"5764770" |"5765152"|"5768426"|"5801679" |"5801689"|"5809160"|"5822436" |"5832119"|"5835722"|"5838902" |"5841886"|"5841978"|"5850481" |"5862260"|"5870544"|"5872915" |"5875249"|"5881287"|"5892900" |"5893101"|"5905505"|"5920848" |"5968119"|"5974441"|"5982931" |"5991399"|"5999941"|"6009410" |"6011905"|"6014702"|"6032150" |"6088355"|"6205480"|"6212329" |"6236387"|"6240450"|"6260141" |"6275599"|"6282362"|"6343274" |"6343738"|"6463467"|"6557103" |"6601106"|"6668246"|"6877005").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/22 17:47

EAST Search History

S13 5	41	S134 and bit	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/22 17:47
S13 6	29	S134 and bit and pixel	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/22 19:28
S13 7	3130	(least lower) near3 bit same (pixel image) same (ram display$3 video)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/22 19:30
S13 8	1145	(least lower) near3 bit with (pixel image) with (ram display$3 video)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/22 19:30
S13 9	624	(least lower) near3 bit with (pixel) with (ram display$3 video)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/22 19:30
S14 0	69	(least lower) near3 bit with (pixel) with (ram display$3 video) and (copyright protection)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/22 19:31
S14 1	97	(least lower) near3 bit with (pixel) with (ram display$3 video) and (copyright protect$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/22 19:40
S14 2	126	(least lower) near3 bit with (pixel) with (ram display$3 video) and (copyright protect$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 19:41
S14 3	29	S142 not S141	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 19:59
S14 4	10	"5870499"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 19:59

Hardware Implementation Perspectives of Digital Video Watermarking Algorithms (2003) (Make Corrections) (9 citations)
Nebu John Mathai, Deepa Kundur, Ali Sheikholeslami

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Abstract: We consider hardware implementation aspects of the digital watermarking problem through the implementation of a well-known video watermarking algorithm called Just Another Watermarking System (JAWS); we discuss the time and area constraints that must be satisfied by a successful hardware implementation. A hardware architecture that implements the algorithm under the constraints is then proposed. The architecture is analyzed to gain an understanding of the relationships between algorithmic... (Update)

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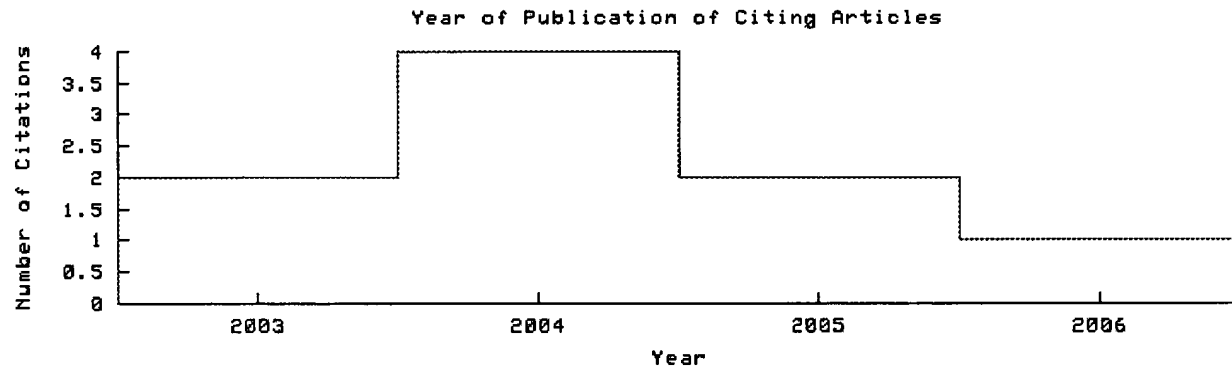
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N. J. Mathai, D. Kundur, and A. Sheikholeslami, "Hardware Implementation Perspectives of Digital Video Watermarking Algortithms," IEEE Transanctions on Signal Processing, 2003. 269 http://citeseer.ist.psu.edu/mathai03hardware.html More

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@misc{ mathai03hardware,
    author = "N. Mathai and D. Kundur and A. Sheikholeslami",
    title = "Hardware Implementation Perspectives of Digital Video Watermarking Algortithms",
    text = "N. J. Mathai, D. Kundur, and A. Sheikholeslami, Hardware Implementation
      Perspectives of Digital Video Watermarking Algortithms, IEEE Transanctions
      on Signal Processing, 2003. 269",
    year = "2003",
    url = "citeseer.ist.psu.edu/mathai03hardware.html" }
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Citations (may not include all citations):
63 Information Hiding Techniques for Steganography and Digital .. (context) - Katzenbeisser, Petitcolas - 2000 ACM
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49 Digital Watermarking (context) - Cox, Bloom et al. - 2001 ACM DBLP
23 A video watermarking system for broadcast monitoring (context) - Kalker, Depovere et al. - 1999
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17 Improved watermark detection reliability using filtering bef.. (context) - Depovere, Kalker et al. - 1998 DBLP
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12 Information Hiding: Steganography and Watermarking—Attacks.. (context) - Johnson, Duric et al. - 2001
8 The effect of matching watermark and compression transforms .. - Wolfgang, Podilchuk et al. - 1998
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6 Optimal adaptive diversity watermarking with channel state e.. (context) - Voloshynovskiy, Deguillaume et al. - 2001
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3 Transform-based hybrid data hiding for improved robustness i.. (context) - Fei, Kundur et al. - 2001
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